



स्वामी रामानंद तीर्थ  
मराठवाडा विद्यापीठ, नांदेड

॥ मा विद्या या विमुक्तये ॥

स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

'ज्ञानतीर्थ', विष्णुपुरी, नांदेड - ४३१ ६०६ (महाराष्ट्र राज्य) भारत

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

'Dnyanteerth', Vishnupuri, Nanded - 431 606 (Maharashtra State) INDIA

Established on 17th September, 1994, Recognized By the UGC U/s 2(f) and 12(B), NAAC Re-accredited with 'B++' grade

Fax : (02462) 215572

Academic-1 (BOS) Section

website: srtmun.ac.in

Phone: (02462)215542

E-mail: bos@srtmun.ac.

विज्ञान व तंत्रज्ञान विद्याशाखे अंतर्गत राष्ट्रीय  
शैक्षणिक धोरण २०२० नुसार पदवी प्रथम  
वर्ष अभ्यासक्रम आराखडयातील Basket  
3 प्रमाणे Generic Elective Courses  
ची यादी शैक्षणिक वर्ष २०२४-२५ पासून  
लागू करण्याबाबत.

### प रि प त्र क

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, राष्ट्रीय शैक्षणिक धोरण २०२० नुसार लागू करण्यात आलेल्या विज्ञान व तंत्रज्ञान विद्याशाखेतील पदवी प्रथम वर्ष अभ्यासक्रमातील Basket 3 (Generic Elective Courses) ची यादी सोबत जोडण्यात आली आहे. यादी प्रमाणे पदवी प्रथम वर्षासाठी Generic Elective Courses शैक्षणिक वर्ष २०२४-२५ पासून लागू करण्यात येत आहेत.

सदरील परिपत्रक व Basket 3 (Generic Elective Courses) ची यादी प्रस्तुत विद्यापीठाच्या [www.srtmun.ac.in](http://www.srtmun.ac.in) या संकेतस्थळावर उपलब्ध आहेत. तरी सदरील बाब ही सर्व संबंधितांच्या निदर्शनास आणून द्यावी, ही विनंती.

'ज्ञानतीर्थ' परिसर,  
विष्णुपुरी, नांदेड - ४३१ ६०६.

जा.क्र.:शै-१/एनईपी/Basket 3 GE/२०२४-२५/१२

दिनांक १८.०६.२०२४

प्रत : १) मा. अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा, प्रस्तुत विद्यापीठ.

२) मा. संचालक, परीक्षा व मुल्यमापन मंडळ, प्रस्तुत विद्यापीठ.

३) मा. प्राचार्य, सर्व संबंधित संलग्नित महाविद्यालये, प्रस्तुत विद्यापीठ.

४) मा. संचालक, सर्व संकुले परिसर व उपपरिसर, प्रस्तुत विद्यापीठ

५) मा. प्राचार्य, न्यू मॉडल डिग्री कॉलेज हिंगोली.

६) सिस्टीम एक्सपर्ट, शैक्षणिक विभाग, प्रस्तुत विद्यापीठ. याना देवून कळविण्यात येते की, सदर परिपत्रक संकेतस्थळावर प्रसिध्द करण्यात यावे.

*ctano*

डॉ. सरिता लोसरवार

सहा.कुलसचिव

शैक्षणिक (१-अभ्यासमंडळ) विभाग



Faculty of Science & Technology  
Generic Elective (Basket-3)  
SEMISTER I & II

| Sr. No. | Name of Bos                     | Subject   | Details of Generic Elective |   |
|---------|---------------------------------|---|-----------------------------|---|
|         |                                 |   | SEM & Code                  | Title of the Course                                       |
| 1       | Biotechnology & Bio-informatics | B. Sc. I year – Biotechnology                   | I - SBTTGE-1101             | Biofuels and Bioenergy                                    |
|         |                                 |   | II - SBTTGE-1151            | Applications of Biotechnology                             |
|         |                                 | B. Sc. I year– Bio-informatics                  | I- SBIOGE-1101              | Databases and Tools in Bioinformatics                     |
|         |                                 |   | II- SBIOGE-1151             | Environmental Bioinformatics                              |
|         |                                 | B. Sc. I year – Biotechnology (Vocational)      | I - SBTVGE-1101             | Biofuels and Bioenergy                                    |
|         |                                 |   | II -SBTVGE-1151             | Biosafety and Bioethics                                   |
| 2       | Botany                          | B. Sc. I year – Botany                          | I-SBOTGE1101                | Medicinal Plants and their Uses-I                         |
|         |                                 |   | II-SBOTGE1151               | Medicinal Plants and their Uses-II                        |
|         |                                 | B.Sc.I year–Seed Technology                     | I- SSTLGE1101               | Morphology of Seed Plants                                 |
|         |                                 |   | II- SSTLGE1151              | Developmental study of seed plants                        |
| 3       | Horticulture                    | B. Sc. I year – Horticulture                    | I- SHORGE1101               | Basic Horticulture  |
|         |                                 |   | II- SHORGE1151              | Production Technology of Fruit Crops                      |
| 4       | Chemistry                       | B. Sc. I year – Dyes and Drugs                  | I-SDDCGE1101                | Chemistry Of Colours I                                    |
|         |                                 |   | II-SDDCGE1151               | Health Education  |
|         |                                 | B. Sc. I year – Industrial Chemistry            | I- SICHGE1101               | General & Industrial Safety Aspects-I                     |
|         |                                 |   | II- SICHGE1151              | General & Industrial Safety Aspects-II                    |
|         |                                 | B. Sc. I year – Agrochemical and Fertilizers    | I- SAGFGE1101               | Agriculture Science And Technology-I                      |
|         |                                 |   | II-SAGFGE1151               | Agriculture Science And Technology-II                     |
|         |                                 | B. Sc. I year – Chemistry (General)             | I- SCHEGE1101               | Everyday Chemistry  |
|         |                                 |   | II- SCHEGE1151              | Soil And Fertilizer Chemistry                             |
|         |                                 | B. Sc. I year – Analytical Chemistry            | I- SACHGE1101               | Basic Analytical Chemistry-I                              |
|         |                                 |   | II- SACHGE1151              | Basic Analytical Chemistry-II                             |
|         |                                 | B. Sc. I year – Biochemistry                    | I- SBCHGE1101               | Soil Chemistry  |
|         |                                 |   | II- SBCHGE1151              | Herbal Technology   |
| 5       | Computer Science & Applications | B. Sc. I year – Optional Computer Science       | I- SCSCGE1101               | Digital Literacy  |
|         |                                 |   | II-SCSCGE1151               | ICT   |
|         |                                 | B. Sc. I year – Optional Computer Application   | I- SCSCGE1101               | Digital Literacy  |
|         |                                 |   | II-SCSCGE1151               | ICT   |
|         |                                 | B. Sc. I year – Optional Information Technology | I- SCSCGE1101               | Digital Literacy  |
|         |                                 |   | II-SCSCGE1151               | ICT   |
|         |                                 | B. Sc. I year – Computer Science                | I- SDSCGE1101               | Basics of Info. Tech./ Intellectual Property Rights       |
|         |                                 |   | II- SDSCGE1151              | Web Content Development/ Statistical Methods              |
|         |                                 | B. Sc. I year – Network Technology              | I- SDSCGE1101               | Intellectual Property Rights/ Digital Marketing           |
|         |                                 |   | II- SDSCGE1151              | Statistical Method/ Basics of Info. Tech                  |
|         |                                 | B. Sc. I year –Software Engineering             | I-SDSCGE1101                | Basics of Computer Science / Intellectual Property Rights |
|         |                                 |   | II-SDSCGE1151               | Numerical Ability / Organizational Behaviour              |



|    |                                    |   |                  |   |
|----|------------------------------------|---|------------------|---|
|    |                                    | B. Sc. I year Information Technology      | I-SDSCGE1101     | Basics of Info. Tech./ Intellectual Property Rights |
|    |                                    |   | II-SDSCGE1151    | Digital Marketing / Statistical Methods             |
|    |                                    | B. Sc. I year Computer Management         | I- SDSCGE1101    | Basics of Info. Tech./ Statistical Methods          |
|    |                                    |   | II-SDSCGE1151    | Logical Reasoning/ Intellectual Property Rights     |
| 6  | Geology                            | B. Sc. I year – Geology                   | SGLGGE1101       | Introduction to Minerals                            |
|    |                                    |   | SGLGGE1151       | Introduction to Rocks                               |
| 7  | Dairy Science                      | B. Sc. I year – Dairy Science             | I-SDRSGE-1101    | Routine Management Practices in Farm Animals        |
|    |                                    |   | II-SDRSGE-1151   | Clinical Practices of livestock.                    |
| 8  | Electronics Science                | B. Sc. I year – Electronics               | I- SELEGE1101    | Electronic Components                               |
|    |                                    |   | II- SELEGE1151   | Consumer Electronics                                |
| 9  | Environmental Science              | B. Sc. I year – Environmental Science     | I- SENVGE1101    | Environmental Awareness                             |
|    |                                    |   | II-SENVGE1151    | Environment & Society                               |
| 10 | Fishery Science                    | B. Sc. I year – Fishery Science           | I- SFSCGE -1101  | Culture of Indian Major carps                       |
|    |                                    |   | II- SFSCGE -1151 | Freshwater fish breeding technouque                 |
| 11 | Mathematics                        | B. A. / B. Sc. I year – Mathematics       | I- SMATGE110     | Foundation of Mathematics                           |
|    |                                    |   | II- SMATGE1151   | Basic Algebra                                       |
| 12 | Microbiology                       | B. Sc. I year – Microbiology              | I- SMICGE1101    | Fundamentals of Hygiene                             |
|    |                                    |   | II -SMICGE1511   | Microorganisms for Human Welfare                    |
|    |                                    | B. Sc. I year – Agricultural Microbiology | I- SAGMGE1101    | Soil Microbiology                                   |
|    |                                    |   | II- SAGMGE1151   | Microorganisms for Agricultural Welfare             |
| 13 | Physics                            | B. Sc. I year – Physics                   | I- SPHYGE1101    | Renewable Energy                                    |
|    |                                    |   | II -SPHYGE1151   | Wonders in the Sky                                  |
| 14 | Statistics                         | B. Sc. I year – Statistics                | I- SSTAGE1101    | Statistical Methods                                 |
|    |                                    |   | II-SSTAGE1151    | Introduction to Probability and Distributions       |
| 15 | Zoology                            | B. Sc. I year- Zoology                    | I-SZOOGE1101     | Animal Diversity – I                                |
|    |                                    |   | II-SZOOGE1151    | Animal Diversity - II                               |
| 16 | Computer Science (forNMDC Hingoli) | B. Sc. I year – Computer Science          | I- SBCSGE3101    | Introduction to Information Technology              |
|    |                                    |   | II- SBCSGE3151   | Web Content Development                             |
| 17 | Biotechnology (for NMDC Hingoli)   | B. Sc. I year – Biotechnology             | I-XDSCGE-3101    | Bio-fuels and Bio-energy                            |
|    |                                    |   | II-XDSCGE-3151   | Applications of Biotechnology in Agriculture        |

\* Students from the Faculties other than Science & Technology shall choose either of the above GE courses from this Basket 3 (Vertical 3) at appropriate levels. Students from the Faculty of Science & Technology have to choose GE courses from the other faculties (e.g. Faculty of Humanities, Commerce & Management, and Interdisciplinary Studies)